

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q77558

Eiji HAYASHI

Appln. No.: 10/663,807

Group Art Unit: 3656

Confirmation No.: 4057

Examiner: Terence BOES

Filed: September 17, 2003

For: TUBE GUIDE FOR BALL SCREW , BALL SCREW AND METHOD FOR  
MANUFACTURING THEREOF

**STATEMENT OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please review and enter the following remarks summarizing the interview conducted on  
February 5, 2009:

**REMARKS**

An Examiner's Interview Summary Record (PTO-413) was mailed on February 19, 2009.

During the interview, the following was discussed:

1. Brief description of exhibits or demonstration: None
2. Identification of claims discussed: 1 and 11
3. Identification of art discussed: JP 4-116051 (hereinafter JP '051), U.S. Patent No.

2,882,742 to Conant (hereinafter Conant), and U.S. Patent No. 5,373,755 to Rohlinger

(hereinafter Rohlinger)

4. Identification of principal proposed amendments: Amending claims 1 and 11 to recite “wherein a portion of the tube guide occupies the space between the ball scooping portion and an inner surface of the tube guide insertion hole so that there is no open space therebetween”. Amending claims 1 and 11 to recite “wherein the tube guide insertion hole is a through hole which penetrates the nut, and wherein an entire depth of the tube guide insertion hole has an equal cross-section”.

5. Brief Identification of principal arguments:

Applicant submitted that neither JP ‘051, Conant, or Rohlinger discloses or suggests “wherein the tube guide is interposed between the ball scooping portion and the tube guide insertion hole without any clearance between the ball scooping portion and the tube guide insertion hole”, as recited in claims 1 and 11. However, the Examiner maintained that this feature, as currently recited in the claims, is taught by Fig. 4 of Rohlinger.

Additionally, Applicant proposed amending claims 1 and 11 to recite “wherein a portion of the tube guide occupies the space between the ball scooping portion and an inner surface of the tube guide insertion hole so that there is no open space therebetween”. The Examiner expressed that this may overcome the current rejections.

Further, Applicant proposed amending claims 1 and 11 to recite “wherein the tube guide insertion hole is a through hole which penetrates the nut, and wherein an entire depth of the tube guide insertion hole has an equal cross-section”. The Examiner expressed that this may overcome the current rejections and suggested discussing the criticality of the feature.

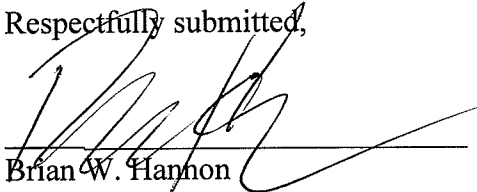
6. Indication of other pertinent matters discussed: None

7. Results of Interview: No agreement was reached.

It is respectfully submitted that the instant STATEMENT OF SUBSTANCE OF INTERVIEW complies with the requirements of 37 C.F.R. §§1.2 and 1.133 and MPEP §713.04.

**It is believed that no petition or fee is required.** However, if the USPTO deems otherwise, Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

Respectfully submitted,



Brian W. Hannon  
Registration No. 32,778

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON DC SUGHRUE/265550

**65565**

CUSTOMER NUMBER

Date: March 20, 2009